



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Overhead Door Corporation
2501 South State Highway 121, Suite 200
Lewisville, TX 75067

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 170/180, 9' Wide Steel Sectional Garage Door

APPROVAL DOCUMENT: Drawing No. 411055, titled "Series 170, 180WL WS9, 9' Max. Wide", sheets 1 through 3 of 3, dated 08/09/11, prepared by Overhead Door Corporation, signed and sealed by LeRoy Krupke, P.E., bearing the Miami-Dade County Product Control approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large & Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
08/30/11

NOA No: 11-0211.03
Expiration Date: September 08, 2016
Approval Date: September 08, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **411055**, titled "Series 170, 180WL WS9, 9' Max. Wide", sheets 1 through 3 of 3, dated 08/09/11, prepared by Overhead Door Corporation, signed and sealed by LeRoy Krupke, P.E.

B. TESTS

1. Test report on: 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test, per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
along with marked-up drawings of a 9'x 7' Model 8024/8124 Galvanized Steel Sectional Door System, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA 2047W-3**, dated 05/21/07, signed and sealed by Ramesh Patel, P.E.
2. Test report on: 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Large Missile Impact Test, per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
along with marked-up drawings of a 9'x 7' Model 8024/8124 Galvanized Steel Sectional Door System with Impact Resistant Glazing, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA 2049W-2**, dated 11/09/07, signed and sealed by Ramesh Patel, P.E.
3. Test report on Forced Entry Resistance per FBC, TAS 202-94 of a 16'x7' Series 180 Sectional Residential Steel Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-01-1016**, dated 05/26/01, signed and sealed Arshad Viqar, P.E.
4. Test report on Tensile Test, per ASTM E8 on embossed steel, prepared by Certified Testing Laboratories, Inc., Report No. **CTLA 1672W**, dated 05/22/07, signed and sealed by Ramesh Patel, P.E.
5. Test report on salt spray exposure, per ASTM B117 on G30, G40 and G90 coupons, prepared by Environmental Testing Laboratory, Inc, Report No. **9100550287**, dated 03/13/06, signed by Brady Richard.

C. CALCULATIONS

1. Anchor calculations and commercial track design verification prepared by Overhead Door Engineering, dated 02/08/11, signed and sealed by LeRoy Krupke, P.E.


08/30/11

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 11-0211.03

Expiration Date: September 08, 2016

Approval Date: September 08, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS


1. Test report on Self Ignition Temperature per ASTM D1929 of EPS foam plastic, prepared by Omega Point Laboratories, dated 05/17/91, signed by William E. Fitch, P.E.
2. Test report on Surface Burning Characteristics (Flame Spread and Smoke Density Index) per ASTM E84 of EPS foam plastic, prepared by Omega Point Laboratories, dated 07/30/01, signed by William E. Fitch, P.E.
3. Notice of Acceptance No. **10-0329.03**, issued to Sheffield Plastic, Inc., for their Makrolon Polycarbonate Sheets, approved on 07/07/10 and expiring on 08/27/12.

E. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

F. STATEMENTS

1. Statement letter of code conformance to 2007 FBC issued by Overhead Door Corporation, dated 02/08/11, signed and sealed by LeRoy Krupke, P.E.
2. No financial interest letter issued by Overhead Door Corporation, dated 08/08/11, signed and sealed by LeRoy Krupke, P.E.



08/30/11

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 11-0211.03

Expiration Date: September 08, 2016

Approval Date: September 08, 2011

NOTES:

 P2

13 GA HORIZ ANGLE

16 GA MIN HORIZ
TRACK

5/16x1-5/8"
LAG SCREW (MIN 4
AS SHOWN)

15 GA MIN VERT
TRACK

1/4-20x9/16" TRACK
BOLT AND 1/4-20 HEX
NUT AT EACH JB-US
JAMB BRACKET LOCATION

5/16x1-5/8" LAG
SCREW AT EACH
JAMB BRACKET

15 GA STIFFENED
JAMB BRACKETS
SEE SCHEDULE FOR
QUANTITY, LOCATION,
AND TYPE

KEY LOCK OR SLIDE LOCK
ONE END (NOT REQUIRED
WITH OPERATOR - SEE
NOTE 3). SLIDE LOCK
SHOWN FOR CLARITY

P2

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.

13 GA ROLLER SLIDE ATTACHED TO
BRACKET WITH 5/16-18 BOLT & NUT
IN CENTER SLOT AND 1/4-20x9/16"
TRACK BOLT & 1/4-20 HEX NUT
THROUGH ANY TWO ALIGNING HOLES—

13 GA COMMERCIAL 'A' FRAME
TOP BRACKET ATTACHED WITH
(4) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS—

ADD (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH END HINGE)_____

2" NYLON WINDLOAD ROLLER
WITH 4-1/2" STEM

14 GA WIDE BODY END
HINGE ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

18 GA NARROW BODY
INTERMEDIATE HINGE
ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

14 GA BOTTOM BRACKET
ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS AND (1)
1/4-14x5/8" SELF DRILLING
TAMPER RESISTANT SCREW—

20 GA CENTER STILE C DOOR

Q DOOR

Approved as complying with the
Florida Building Code
Date 09/08/2011
NOA# 11-021-03
Miami Data Product Control
By [Signature]

JAMB BRACKET SCHEDULE

NOTE:
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT OR WITH DECORATIVE OVERLAY REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 3 FOR DETAILS.

APPROVED DESIGNS

* INSULATION IS EXPANDED POLYSTYRENE IN COMPLIANCE WITH 2612.3.1.1 OF THE FBC.

SERIES 173-175, 183-185

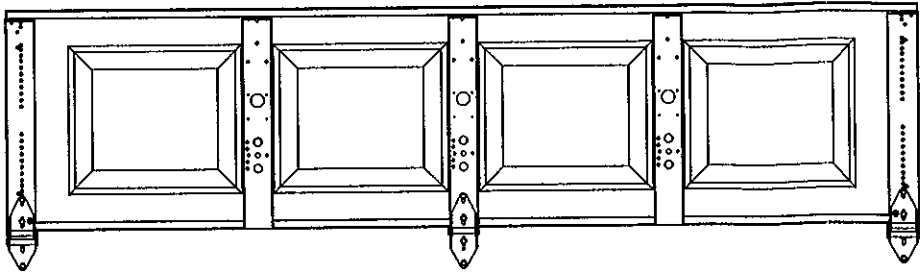
THE DRAWINGS AND ALL OTHER INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF OVERHEAD DOOR CORPORATION AND ITS AFFILIATED COMPANIES. THIS DRAWING AND INFORMATION, IN WHOLE OR IN PART, MAY NOT BE COPIED IN ANY MANNER OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION. NO DISCLOSURE OF ANY OF THIS DRAWING OR INFORMATION IS INTENDED TO OPERATE AS A LICENSE OR AUTHORIZATION TO USE IT FOR ANY PURPOSE WITHOUT THE SPECIFIC WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION.

LB Kurb
8/9/11

OVERHEAD DOOR CORPORATION
2501 S. STATE HWY 121, BUSINESS
LEWISVILLE, TX 75067
LEROY KRUPKE, FL PE 36580

REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
500869	-	RELEASE PER ER	07/15/11	SFT

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



U-BAR LOCATIONS

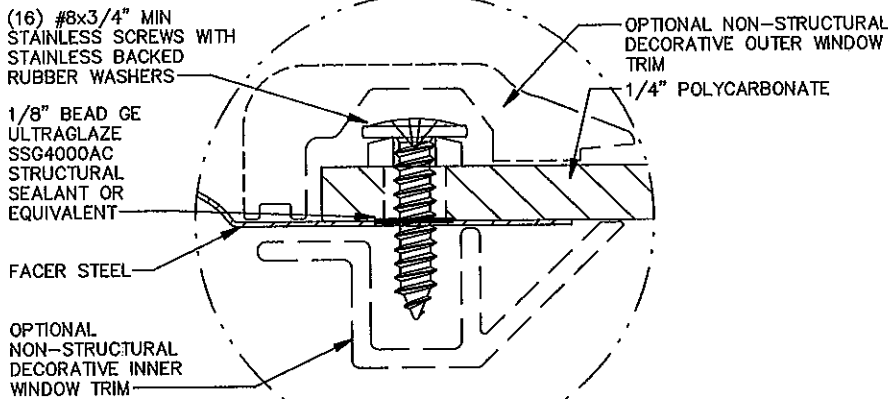
(8) SECTION DOORS WITH
(10) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

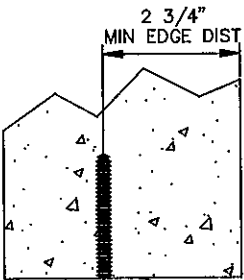
(6) SECTION DOORS WITH
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

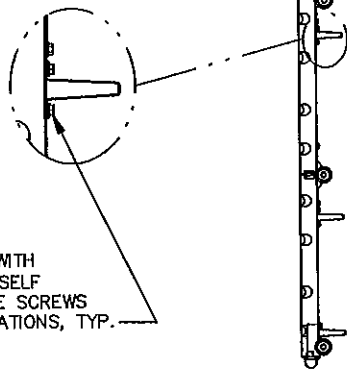


DETAIL A

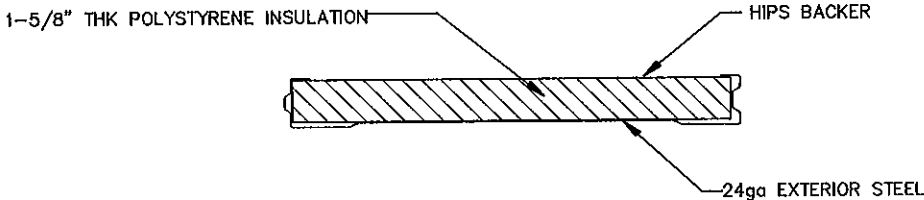


3/8" SIMPSON TITEN HD,
2-3/4" MIN EMBED INTO
MIN 2000 PSI CONCRETE
FOR EACH JAMB
BRACKET LOCATION
JAMB BRACKET
1/4-20x9/16"
TRACK BOLT AND
1/4-20 HEX NUT
TRACK

CONCRETE MOUNTING DETAIL



ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPITE SCREWS
AT ALL STILE LOCATIONS, TYP.



SECTION CUTAWAY FOR 180 SERIES

Approved as complying with the
Florida Building Code
Date 09/08/2011
NOA# 11-0211.03
Miami Dade Product Control

By *[Signature]*

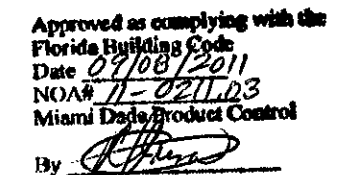
[Signature]
8/9/11

OVERHEAD DOOR CORPORATION
2501 S. STATE HWY 121, BUSINESS
LEWISVILLE, TX 75067
LERDY KRUPKE, FL PE 36580

THE DRAWINGS AND ALL OTHER INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF OVERHEAD DOOR CORPORATION AND ITS AFFILIATED COMPANIES. THIS DRAWING AND INFORMATION, IN WHOLE OR IN PART, MAY NOT BE COPIED IN ANY MANNER OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION. NO DISCLOSURE OF ANY OF THIS DRAWING OR INFORMATION IS INTENDED TO OPERATE AS A LICENSE OR AUTHORIZATION TO USE IT FOR ANY PURPOSE WITHOUT THE SPECIFIC WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		The Genuine The Original		NAME		DATE	
HOLE DIAMETER		N/A		OVERHEAD DOOR		DRAWN BY:		11/30/10	
UNDER .251 +.004/- .003		WHOLE NUMBERS: ± .25		LEWISVILLE, TEXAS		M. SAWICKI		DRAWING TITLE	
.251 TO .500 +.006/- .003		.X ± .1		MATERIAL		CHECKED BY:		SERIES 170, 180WL	
OVER .500 +.008/- .003		.XX ± .03		NONE		G. FINERAN		WS9, 9' MAX WIDE	
FRACTIONS		.XXX ± .010		UNIT OF MEASURE		APPROVED BY:		D- 411055	
± 1/16		ANGLES: ± .5°		EACH		F. TJONG		DRAWING NUMBER	
REF DWG		USED ON		SCALE: 1/2		7/15/11		SHEET 2 OF 3	


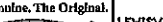


1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 8" FROM THE END OF THE JAMB.
5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +207.0/-234.0 LBS PER FOOT.
6. CHART INCLUDES A SAFETY FACTOR OF 4.
7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.
8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.
9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.



LH Knut
8/8/11

OVERHEAD DOOR CORPORATION
2501 S. STATE HWY 121, BUSINESS
LEWISVILLE, TX 75067
LEROY KRUPKE, FL PE 36580

THE DRAWINGS AND ALL OTHER INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF OVERHEAD DOOR CORPORATION AND ITS AFFILIATED COMPANIES. THIS DRAWING AND INFORMATION, IN WHOLE OR IN PART, MAY NOT BE COPIED IN ANY MANNER OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION. NO DISCLOSURE OF ANY OF THIS DRAWING OR INFORMATION IS INTENDED TO OPERATE AS A LICENSE OR AUTHORIZATION TO USE IT FOR ANY PURPOSE WITHOUT THE SPECIFIC WRITTEN CONSENT OF OVERHEAD DOOR CORPORATION.											
REF DWG	USED ON	 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH N/A	 The Genuine, The Original. LEWISVILLE, TEXAS	NAME M. SAWICKI	DATE 11/30/10	DRAWING TITLE: SERIES 170, 180WL WS9, 9' MAX WIDE		
			HOLE DIAMETER								WHOLE NUMBERS
			UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003						± .25 ± .1 ± .03 ± .010		
			FRACTIONS ± 1/16						± .25 ± .1 ± .03 ± .010 ANGLES: ± .5°		
					MATERIAL NONE	CHECKED BY: G. FINERAN	7/15/11	DRAWING NUMBER D- 411055			
						APPROVED BY: F. TJONG	7/15/11			SCALE: 1/2	SHEET 3 OF 3